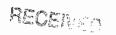
Use Attainability Analysis

for

WBID 1505 Whetstone Creek

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program



JUL 14 2005

Field Data Sheets for Recreational Use Stream Surveys

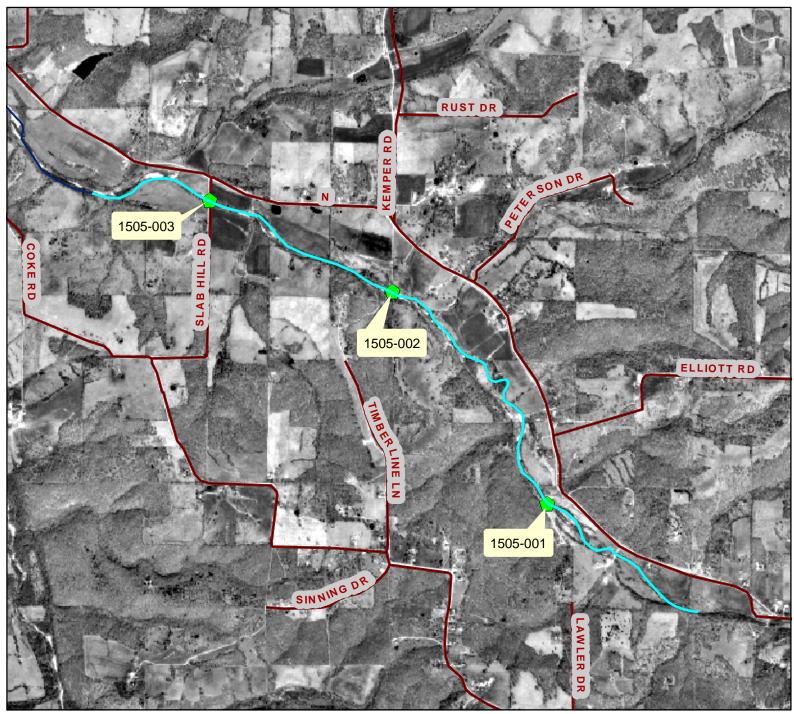
WATER PROTEOTION PROTESSAN

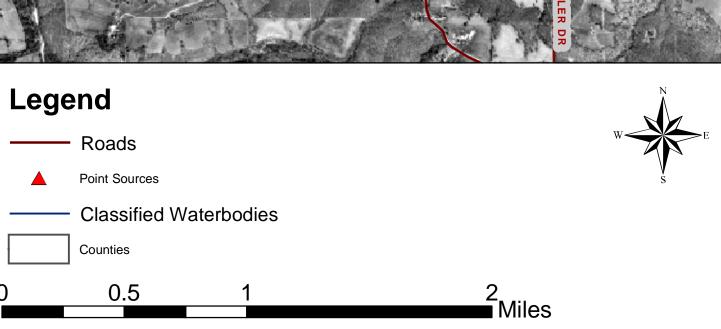
Data Sheet A - Water Body Identification

digit HUC: 10	290201	
Missouri WBID #:	1505	
County: Wrigh	1 +	
11	cription: Whetstone Creeke Whetstone Rd.	
Downstream Legal I	Description: Whetstone Creek @ Hwy. 38	
Instream Coordinate	N. 37. 11990 W. 092. 33891	
Oownstream Coordi UGS 84, ddd.ddddd	nates;	
Discharger Facility N		
ischarger Permit N	ımber(s):	-143
lumber of Sites Eva	luated: 3	
ame of Surveyor as	d Telephone Number: Michael Cunningham	
	NR /RCRO	
osition: E.S.	1	

Signed: Mulfal a. C. Date: 7/7/05

Whetstone Creek (P) #1505 Wright County





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 15	05		Site Location D	escription: O/	
Site GPS Coordinates:	N. 37. 11990 W. 092. 33891		Whetston	e Creek - wn	exstone Rd.
	105@10:0		Facility Name:	_	
Personnel: M. Cunt	ringham		Permit Number:		
Current Weather Condi	tions: 800 - S	ر در الامار	Weather Condit	ions for Past 7 days: ≈ 90	of 0.4" rain
			m: 233, 234, 235 Othe	r: —	
ses Observed*:					
☐ Swimming	☐ Skin diving		☐ SCUBA diving	Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing	None of the above	☐ Other:
	ns*: (Mark all that	promote	e or impede recreational u	ses. Attach photos of evider	nce or unusua!
ns of interest.) City/county parks	☐ Playgrounds	□м	DC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	□ Na	ational forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	Fence	□ Ste	ep slopes	☐ Other:	
idence of Human Us	se*:				
□ Roads	☐ Foot paths/pri	nts	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
□ Other: None d					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID #_1505 :

Physical Dimensions: Length (ft): Length (ft): Length (ft): A Yes □ No Ses should add up to 100%.) O % Gravel □ % Sand mote amount of vegetation or algal growt	vth at the assessment site)	Max. Depth (ft): Max. Depth (ft):
Physical Dimensions: Length (ft): Length (ft): Yes	Estimated (ft³/sec): Avg. Depth (ft): Avg. Depth (ft): Avg. Depth (ft): Estimated (ft³/sec): d	Max. Depth (ft): Max. Depth (ft): Max. Depth (ft):
Physical Dimensions: Length (ft): Length (ft): / S Length (ft): / S Physical Dimensions: Length (ft): / S Length (ft): / S S S S S S S S S S S S S	Avg. Depth (ft); Avg. Depth (ft): Avg. Depth (ft): Estimated (ft ³ /sec); d	Max. Depth (ft): Max. Depth (ft):
Length (ft): Length (ft): /5 Length (ft): /5 Yes	Avg. Depth (ft): Avg. Depth (ft): Estimated (ft³/sec): d % Silt wth at the assessment site	Max. Depth (ft): Max. Depth (ft):
Length (ft): 15 Length (ft): 50 Yes No sessional add up to 100%.) O % Gravel	Avg. Depth (ft): Avg. Depth (ft): Estimated (ft³/sec): d % Silt wth at the assessment site	Max. Depth (ft): Max. Depth (ft):
Length (fi): 50 ☐ Yes ☐ No Es should add up to 100%.) O % Gravel Ø % Sand note amount of vegetation or algal growt	Avg. Depth (ft): Estimated (ft³/sec); d	Max. Depth (ft):
Ses should add up to 100%.) **O % Gravel	Estimated (ft³/sec); d	
es should add up to 100%.) **O % Gravel	d % Silt with at the assessment site	
O % Gravel % Sand	vth at the assessment site)	
*: (Mark all that apply.)	aminal Mana	☐ Other:
,		
Jiean Glocin Glay		☐ Other:
Sludge 🗆 Solids 💹 Fine	e seguments 🔛 None	•
	ark all that apply.) e □ Musky □ Che	e 🗆 Musky 🗆 Chemical 🗶 None

1501_001 DS













1501_001 US





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 15			Site Location I	Description: 02	
Site GPS Coordinates:	N, 37, 23055 W. 092, 3927		Whetston	e CK.+ Ovens	s Rel
Datc & Time: 7/7/		• •	Facility Name:		
Personnel: M. Cun	nineham		Permit Number	: -	
Current Weather Condi	tions: 8505+ 50	inny	Weather Condi	tions for Past 7 days: 29	0°F. 0.4" rain
Photo Ids: Upstream:	236, 237, 238 Do	wnstream: 24	239, 10, 241 Oth		
				-	
ses Observed*:	i				
Swimming	☐ Skin diving		UBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	□Вс	oating	□ Wading	Rafting
☐ Hunting	☐ Trapping	Fis	shing	☐ None of the above	☐ Other:
Describe: (include num			or use, phow	-documentation of evidence	on recreational uses, etc.,
I adult be	dung			uses. Attach photos of evide	
/ adult fr	dung	promote or in			
urrounding Conditionens of interest.)	ns*: (Mark all that	promote or in	opede recreational	uses. Attach photos of evide	nce or unusual
urrounding Conditionens of interest.)	ns*: (Mark all that	promote or im	npede recreational enservation lands forests	uses. Attach photos of evide	nce or unusual □ Campgrounds
urrounding Conditionems of interest.) □ City/county parks □ Boating accesses	ns*: (Mark all that parks State parks Fence	promote or im MDC co	npede recreational enservation lands forests	uses. Attach photos of evide □ Urban areas □ Nature trails	nce or unusual □ Campgrounds
urrounding Conditionens of interest.) □ City/county parks □ Boating accesses □ No trespass sign	ns*: (Mark all that parks State parks Fence	promote or im ☐ MDC co ☐ National ☐ Steep slo	npede recreational enservation lands forests	uses. Attach photos of evide □ Urban areas □ Nature trails	nce or unusual □ Campgrounds
urrounding Conditioners of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that parks Playgrounds State parks Fence	Dromote or im MDC co National Steep slo	opede recreational enservation lands forests	uses. Attach photos of evide Urban areas Nature trails Other:	nce or unusual Campgrounds Stairs/walkway

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two - Data Sheet B for WBID # 1505 :

Riffle Width Run Width Pool Width Flow Present bstrate*: (These O % Cobble uatic Vegetation	(ft): Yes ew Physical (ft): (ft): (ft): Ycs Ycs values should a	Length (ft): Length (ft): No Dimensions: Length (ft): Length (ft): Length (ft):	20 30	Avg. Depth Estimated (f Avg. Depth (Avg. Depth (Avg. Depth (Avg. Depth ((fi): t³/sec): (fi): (fi):	Max. Depth Max. Depth Z. G. SCC. Max. Depth Max. Depth	(ft):
Flow Preser Downstream Vi Riffle Width Run Width Pool Width Flow Presen bstrate*: (These	t? Yes ew Physical (ft): (ft): /O- (ft): 5O t? Yes values should a	☐ No Dimensions: Length (ft): Length (ft):		Estimated (f Avg. Depth ((ft):	ZR+ 3/SCC. Max. Depth	(ft):
Downstream Vi Riffle Width Run Width Pool Width Flow Presen bstrate*: (These	ew Physical (ft): (ft): /O (ft): 5O t? XYes values should a	Dimensions: Length (ft): Length (ft): Length (ft):		Avg. Depth	(ft):	Max. Depth	
Riffle Width Run Width Pool Width Flow Present Strate*: (These O''s Cobble uatic Vegetation	(ft): / <i>O</i> (ft): / <i>O</i> (ft): / <i>O</i> t? XYes values should a	Length (ft): Length (ft): Length (ft):		Avg. Depth ((ft):		
Run Width Pool Width Flow Present bstrate*: (These % Cobble uatic Vegetation	(ft): 10- (ft): 50 t? XYes	Length (ft):		Avg. Depth ((ft):		
Pool Width Flow Present Strate*: (These 90 % Cobble counties Vegetation	(ft): 50 t? XYes	Length (ft):			· · ·	- Max. Depth	(fi). Z
Flow Present of the P	t? Yes		30	Avg. Depth ((a). 11		
ostrate*: (These 90 % Cobble	values should a	□ No			(11) : \boldsymbol{q}	Max, Depth	(ft): 8
90 % Cobble				Estimated (ft	1 ³ /sec):	f+3/sec.	
Borne algue Brush gran Banks gran ter Characteris	growth ing in	creek bed.	algai grov	win at the asse	ssment site)	<u>.</u>	
Odor:	☐ Sewage	☐ Musky	□ Che	emical	None	☐ Other:	
Color:	Clear	☐ Green	☐ Gra	ıy	☐ Milky	☐ Other:	· ·· · · · · · · · · · · · · · · ·
Bottom Deposit:	☐ Sludge	□ Solids		e sediments	☐ None	☐ Other:	
Surface Deposit:	□ Oil	☐ Scum	□ Foa	ım	None	☐ Other:	
is information is not prohensive understa sion on the recreation the undersigned, asheet is true ar	to be used sole nding of water on use analysis b	ly for removal of a conditions. Conse out may point to co	recreation quently, the	nal use design his information hat need further	ation but rathen is not intender analysis or	er is to provide a mo led to directly influe that effect another u	ore nce a se.
	0/1	fol		Date:	フノフノ	<i>^C</i>	

1501_002 DS











1501_002 US





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: /5	05-0-		Site Locati	on Description	m: 0.3	
Site GPS Coordinates:			Where	stone (CK + Hwy	38
Date & Time: 7/1	105@ 11:2	0	Facility Na			
Personnel: M. Cun	ningham		Permit Nur	nber:		
Current Weather Condi		Canada	Weather C	onditions for	Past 7 days: 290	F, 0.4 rain
Photo Ids: Upstream:	242, 243,244 Do	wnstream: 24	245,	Other:	-	
Uses Observed*:						
☐ Swimming	☐ Skin diving		UBA diving		ubing	□ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Bea	ating	□W	ading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fish			one of the above	Other:
urrounding Condition	ns*: (Mark all that	promote or imp	pede recreation	nal uses. Atta	ach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC cor	servation lan	ds 🗆 U	rban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National	forests	□ Na	ature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slop	oes	□ Ot	her:	
Evidence of Human Us	e*:					
Roads	Foot paths/prin	nts 🗆 De	ock/platform	□ Li	vestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	□ Fi	re pit/ring	וא 🗅 או	PDES Discharge	☐ Fishing Tackle
Other: John box	ts along sh	ne - u	1/1;6	le jac	иень гра	ddles

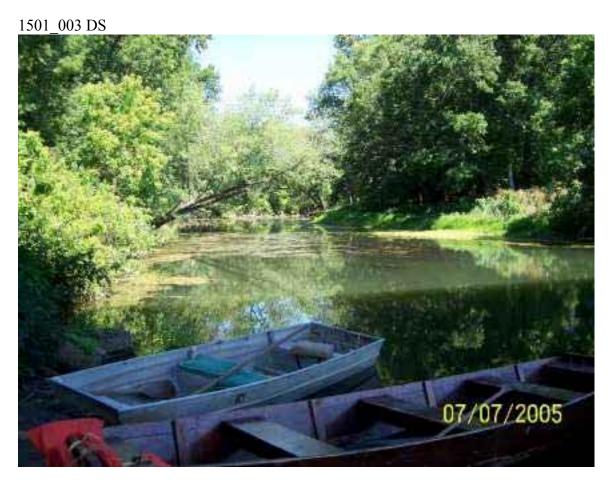
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Page Two – Data Sheet B for WBID # 1505:

_						
☐ Riffle Width	v Physical Dim th (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft);	
Run Widti	n (ft): 20	Length (ft): Z	OO Avg. Depth	(ft): 5	Max. Depth (ft):	10
□ Pool Widtl		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft);	
Flow Prese	nt? 🗆 Yes	No	Estimated (1	ft³/sec):		
Downstream V	iew Physical E	Dimensions:				
□ Riffle Width		Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Kun Width	1 (ft): ZO	Length (ft): /	50 Avg. Depth	(ft): 3	Max. Depth (ft):	5
□ Pool Width	ı (ft):	Length (ft);	Avg. Depth	(ft):-	Max, Depth (ft):	
Flow Preser	nt?	No	Estimated (f	ft ³ /sec):		
notic Vecetatio						
Burface g Banks // ter Characteri Odor: Color:	stics*: (Mark all	that apply.) Musky Green	☐ Chemical	Devione Milky	☐ Other:	
Burface g Banks (1) ter Characteri Odor: Color: Bottom Deposit:	stics*: (Mark all	that apply.) Musky Green Solids	☐ Chemical ☐ Gray ☐ Fine sediments	DeNonc ☐ Milky ☐ None	☐ Other:	
Burface g Burks (1) ter Characteri Odor: Color: Bottom Deposit: Surface Deposit:	stics*: (Mark all Scwage Clear Sludge	that apply.) Musky Green Solids	☐ Chemical ☐ Gray Fine sediments ☐ Foam	□ Milky □ None □ None	☐ Other:	





1501_003 DS









